PREPARED IN COOPERATION WITH THE MARYLAND GEOLOGICAL SURVEY

AND
POWER PLANT ASSESSMENT PROGRAM.

OPEN-FILE REPORT OF 2005-1004

U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

BASE FROM USGS DIGITAL LINE GRAPH, 1:250,000

38°

MARYLAND DEPARTMENT OF NATURAL RESOURCES 77° 76°30' 76° **EXPLANATION** KENT COUNTY OUTCROP AREA OF THE AQUIA AQUIFER - Aquife is in the Aguia Formation of Paleocene age. POTENTIOMETRIC CONTOUR - Shows altitude at which water level would have stood in tightly ☆ cased wells. Dashed where approximately located. Contour interval 20 feet. National ANNE ARUNDEL Geodetic Vertical Datum of 1929 (sea level). SUFFN ANNES COUNTY WELL - Number is altitude of water level, in feet above or below (-) sea level, where water-level measurement is available. Symbol indicates • average yield from well or well field, in gallons 10 • Less than 10,000 gallons per day 39°--61 \(\tag{10,000}\) to 100,000 PRINCE GEORGES -106 **1**00,000 to 1,000,000 • ☆ Town or Site Location WASHINGTON, VIRGINIA UPPER 🕏 MARLBORO TALBOT COUNTY • -20 WALDOR -23 LAPLATA 40 CHARLES 38 30' COUNTY -53 DORCHESTER COUNTY -60 -80 ST. MARYS VIRGINIA POTOMAC RIVER For additional information write to: District Chief U.S. Geological Survey 5 MILES 8987 Yellow Brick Road KILOMETERS Baltimore, Maryland 21237

POTENTIOMETRIC SURFACE OF THE AQUIA AQUIFER IN SOUTHERN MARYLAND,

SEPTEMBER 2003